

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
20 January 2005 (20.01.2005)

PCT

(10) International Publication Number
WO 2005/004691 A1

(51) International Patent Classification⁷: **A47K 11/00**

(21) International Application Number:
PCT/KR2004/001056

(22) International Filing Date: 7 May 2004 (07.05.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10-2003-0046940 10 July 2003 (10.07.2003) KR

(71) Applicant (for all designated States except US): JIN-
SUNG MOBILE CO. LTD. [KR/KR]; 212-1 Maesan-ri,
Opo-eup, Gwangju-si, Gyeonggi-do 464-893 (KR).

(72) Inventor; and

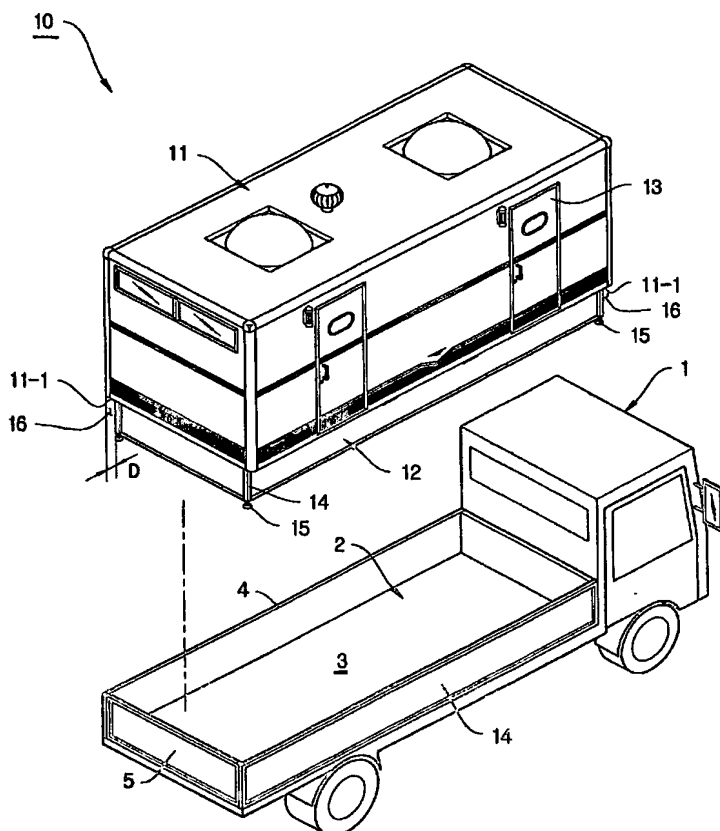
(75) Inventor/Applicant (for US only): YANG, Byung Joon
[KR/KR]; #602-411 Geumhwa Maeul Jugong Greenvil,
480 Sanggal-ri, Giheung-eup, Yongin-si, Gyeonggi-do
449-958 (KR).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG,
MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH,
PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: POTABLE LAVATORY



(57) Abstract: A portable lavatory, which
is easily loaded into a freight box of a truck
and is maintained in a stable loaded state
in the freight box during transportation, is
disclosed. In the portable lavatory (10), the
capacities of both a fresh water tank (20) and
a foul water tank (30) of a tank unit (12) are
altered in inverse proportion to each other.
The tank unit (12), integrated with a lower
end of a lavatory facility unit (11), has a width
and length shorter than those of the lavatory
facility unit, thus being stepped inward from
the lower end of the lavatory facility unit. The
fresh water tank (20) and the foul water tank
(30) are assembled with each other at flanged
open ends thereof into a single structure, with
a variable tank (40) provided in a junction part
between the two tanks.



Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.